

AS

Notice of Allowability	Application No.	Applicant(s)	
	09/600,712	APPLETON ET AL.	
	Examiner	Art Unit	
	Laura C Cole	1744	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11 July 2003.
2. ☒ The allowed claim(s) is/are 24-50.
3. ☒ The drawings filed on 11 July 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☒ including changes required by the proposed drawing correction filed 11 July 2003, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the margin according to 37 CFR 1.121(d).

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892) | 5 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6 <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No. <u>02052004</u> . |
| 3 <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No. _____ | 7 <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Daniel Schein on 05 February 2004.

The application has been amended as follows:

In the Claims:

Claim 24 Line 3 between "bodies" and "towards" please insert "generally axially"

Claim 24 Line 6 after "first direction" please insert "that has a radial component"

Claim 24 Line 7 delete "corresponding said body" and in its place insert "body to which it is mounted"

Claim 24 Lines 7-8 delete "corresponding said body" and in its place insert "body to which it is mounted"

Claim 24 Line 8 after "moving" insert "each"

Claim 24 Line 9 delete "members" and in its place insert "member"

Claim 24 Line 9 delete "the respective" and in its place insert "at least a"

Claim 24, Line 9 delete "and/or second" and "thereof"

Claim 24 Line 10 delete "corresponding said body" and in its place insert "body to which it is mounted"

Claim 25 Line 2 delete "said interconnected bodies" and in its place insert "a plurality of said bodies"

Claim 26 Line 2 delete "said interconnected bodies" and in its place insert "a plurality of said bodies"

Claim 28 Line 2 after "wherein" insert "a plurality of"

Claim 28 Line 3 delete "the corresponding" and insert "at least one"

Claim 28 Line 3 delete "the"

Claim 28 Line 3 delete "thereof" and in its place insert "of said bristle carrying member"

Claim 47 Line 4 after "a surface by" insert "a generally axial"

The following is an examiner's statement of reasons for allowance:

There is no need to reinsert the paragraph that was inadvertently removed from the amended Specification of 11 July 2003.

The claims have been amended such that the claim objections and rejections made under 35 U.S.C. 112 second paragraph have been withdrawn.

None of the prior art made of record, including Simpson (USPN 6,460,616), Moon (USPN 2,552,339), and Thompson et al. (USPN 1,608,347), teach or suggest at least one moving device for generally axially moving at least one pair of adjacent bodies towards and away from each other *and* also wherein the bodies each have bristle-carrying members adapted to moved generally radially in a first direction away from the body and a second direction towards the body. Further, the device of Hapstack (USPN

5,018,451) includes a moving device to move a pair of adjacent bodies generally axially towards and away from each other, however the device of Hapstack does not include bristles and there is no motivation to combine Hapstack with any other art made of record.

Furthermore, "*generally axially*" and "*generally radially*" use the term "generally" since the bodies move in a direction that is axial and bristle carrying members on a body can move in a direction that radiates outward from or inward towards the body to which it is connected, but the vehicle must also respond to the shape or bending of the cleaning surface at the time of the motion (pipeline or conduit). Therefore, if the bodies are axially moving towards or away from each other at a point in a pipe where there is a bend or surface disruption, the movement of the bodies will be generally, but not completely axial (i.e., along a common axis).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laura C Cole whose telephone number is (571) 272-1272. The examiner can normally be reached on Monday-Thursday, 7:30am - 5pm, alternating Fridays.

Art Unit: 1744

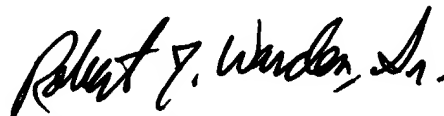
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Warden can be reached on (571) 272-1281. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-1300.

LCC

LCC

05 February 2004



ROBERT J. WARDEN, SR.
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1700